

**Patent** [19]

[11] Patent Number: 2000042364

[45] Date of Patent: Feb. 15, 2000

---

**[54] PHOTOCATALYST ELEMENT**

[21] Appl. No.: 10219196 JP10219196 JP

[22] Filed: Aug. 03, 1998

[51] Int. Cl.<sup>7</sup> B01D05386 ; A61L00900; A61L00920**[57] ABSTRACT****PROBLEM TO BE SOLVED:** To facilitate maintenance.

**SOLUTION:** A deodorizing element is provided with an element main body 2 carrying a photocatalyst and a square collar frame body 4 holding the element main body 2. One holding part 8 and 8 is provided at two sides facing to each other of the frame body 4, and both ends of a lamp 3 are held with the holding part 8 and 8. The element main body 2 and the lamp 3 can be detached integrally from a casing of an air purifier and maintenance is easy.

\* \* \* \* \*